

[First Hit](#) [Previous Doc](#) [Next Doc](#) [Go to Doc#](#)
End of Result Set

☐ [Generate Collection](#) [Print](#)

L4: Entry 35 of 35

File: DWPI

Feb 13, 1996

DERWENT-ACC-NO: 1996-157020
DERWENT-WEEK: 199616
COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Drugs for treatment of corneal damage - obtd. by hydrolysis of lactoferrin.

PATENT-ASSIGNEE: MORINAGA MILK IND CO LTD (MORG), SENJU SEIYAKU KK (SENP)

PRIORITY-DATA: 1994JP-0181212 (August 2, 1994)

[Search Selected](#) [Search ALL](#) [Clear](#)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|-------------------|----------|-------|------------|
| <input type="checkbox"/> <u>JP 08040925 A</u> | February 13, 1996 | | 010 | A61K038/00 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|--------------|----------------|----------------|------------|
| JP 08040925A | August 2, 1994 | 1994JP-0181212 | |

INT-CL (IPC): A61 K 9/06; A61 K 9/08; A61 K 38/00; A61 K 38/16

ABSTRACTED-PUB-NO: JP 08040925A

BASIC-ABSTRACT:

Drugs for treatment of corneal damage (specifically: Sjogren's syndrome, chemically corrosive corneal ulcer) contain a peptide obtd. by hydrolysis of lactoferrin, or its derivs. or salts or their mixt.

The eye-lotion, e.g. may be prepd. with a buffer (e.g. borate, citrate, tartrate, phosphate, acetate; pH 4-6), isotonic agent (e.g. glucose, mannitol, NaCl), preservative (e.g. benzalkonium chloride), thickener (e.g. hydroxyethylcellulose), stabiliser, anti-oxidant, pH-regulator, chelating agent, absorption promoter. The ointment may be made with a base, e.g. vaseline, paraffin, PEG, CMC.

USE - The drugs accelerate the growth of corneal epithelial cell and useful in treatment of xerokeratoconjunctivitis (a condition of Sjogren's syndrome) or in improvement of ocular diseases caused by hypo-lacrimation, e.g. xerophthalmia, foreign body sensation, burning sensation, conjunctival congestion, keratitis filamentosa, ectocorneal erosion. Drugs may be applied as 0.00001-5.0 w/v%, pref. 0.0001-1 w/v%, eye-lotion or ointment, or orally or parenterally as powder, granules, tablets, capsules or injection. One to several drops of the eye-lotion 1-4 times a day. Eye lotion contains e.g. 1g peptide, 0.9g NaCl, 0.1g NaOCOME and a proper amt. MeCOOH were made to 100ml (pH 5.0) with sterilised water.

In a test with MRL mice having Sjogren's syndrome, the ectocorneal opacity was improved by application of 0.2% peptide/eye lotion 4 times a day for one month.

ABSTRACTED-PUB-NO: JP 08040925A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/1

DERWENT-CLASS: B04
CPI-CODES: B04-N02; B14-N03;

[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)